

Special lithium lubricating greases

ISO L-XCCHB 1, 2, 3

EKOLEKS[®] 48

EKOLEKS[®] 48: smooth structure lithium EP lubricating greases based on specially selected mineral oils with very low polycyclic compounds content.

ADVANTAGES

- Excellent mechanical stability.
- Good oxidation stability.
- Good rheological properties.
- Good water resistance.
- Wide area of application.

QUALITY LEVEL

ISO 6743-9: L-CCHB 1, 2, 3

DIN 51 502:KP 1K-30, KP 2K-30, KP 3K-30

SCOPE OF APPLICATION

- Paper, chemical, textile industry
- Fruit and vegetables processing industry
- Hydroelectric power plants

APPLICATION

• EKOLEKS[®] 48 lubricating greases are applied for the lubrication in conditions of higher loads, higher number of revolutions as well as in conditions of lower operating temperatures up to -30°C. They are suitable for the lubrication of bearings and other machine assembly blocks in conditions of significantly wet environment.

- Temperature range of application: -30°C to +110°C

TYPICAL CHARACTERISTICS

Characteristics	Units	Values			METHODS
		1	2	3	
EKOLEKS® 48	-	1	2	3	-
Colour		light brown			visual
Soap type/Thickener		Lithium soap			-
NLGI grade		1	2	3	DIN 51 818
Working penetration at 25°C , 60 cycles	mm/10	320	280	235	SRPS ISO 2137
Dropping point	°C	180	185	190	SRPS ISO 2176
Kinematic viscosity of base oil at 40°C	mm ² /s	ca 120			SRPS ISO 3104
Oxidation stability, 100h/100°C	kPa	20			ASTM D 942
Water washout, 90°C	rating	1			DIN 51807/1
EMCOR - test,168h, dist. water	rating	0/0			DIN 51 802
Weld load	N	2500	3150		ASTM D 2596
Flow pressure, -30 °C	mbar	1500	2000	2500	DIN 51 805
S K F R2F - test A	rating	pass			DIN 51 806
Temperature of application	°C	-30 to +110			

STORAGE

Store in a covered area, protected from direct influence of sun and moisture, away from the ignition source. Recommended storage temperature: - 5°C to +25°C.

All necessary instructions can be found in the product SDS. It contains the details of possible hazards, warnings and first aid measures, as well as the impact on the environment and the necessary measures for the storage and handling.

PACKING

EKOLEKS® 48-2 Cans of (0.8, 4 and 20)kg and tin drum of 180 kg.

EKOLEKS® 48-1, 48-3 Tin drums of 180 kg.

Data are orientational, manufacturer reserves the right to make changes in order to improve product quality.